## Final 1998 Section 303(d) List - WRIA 39

Water Name	BIG C	CREEK								
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action	Needed	TMD	L	
New Segment	ID#	OY16A0	G	Old	d Segm	ent ID#	WA-39	-1073		
Stream Route	#		2.03	Wa	iter Res	ource In	ventory /	Area	39	
Township		20N		Wa	aterbod	y Grid #				
Range		14E		Gri	id Latitu	ıde				
Section		29		Gri	id Long	itude				
Basis for Consideration Listing	of		Indian Nation ons beyond the					Palmer	on 8/10/93	) show multiple
Remarks										
Water Name		CREEK								
Parameter	Instre	am Flow							Mediu	Habitat
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action	Needed	Other	Control	
New Segment	ID#	OY16A0	3	Old	d Segm	ent ID#	WA-39	-1073		
Stream Route	#		2.03	Wa	ater Res	ource In	ventory A	Area	39	
Township		20N		Wa	aterbod	y Grid #				
Range		14E		Gri	id Latitı	ıde				
Section		29		Gri	id Long	itude				
Basis for Consideration Listing	of	miles up et al. 199 instream 1989. The depresse to be have limiting has subs point, the recharge removed	estream of Inter 91.;The stream a flow and has the The Spring Chi ad(SASSI, 1994) we excellent fis factor toe a lace	state- meet nook l). The h read k of i flow no m	-90.;Yak is all the added to and sum the Yakin ring and instream is (3-15 core than and the ton and the ton and the ton and the sale and the ton and t	ima River Water Qua the list. H imer steellina/ Klickit spawning flow belovers in 1989 1 cfs, most r over the the stream	Subbasin ality Progrydrology of the diversity of which next mile, is nearly d	Plan, 1 ram Polata is s in the tion Re ove the rrsions. he uppe in represe howevery from	990.;SASS licy criteria shown for 1 e Yakima ar eport in 199 e diversions They foun er diversion, sents leakag ver, most of n this point	e listed as Ofound the Creek . They found the d that Big Creek , but below this ge. Flows are this flow is
Remarks										

Water Name	BLUE	CREEK								
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action I	Needed	TMDL	ı	
New Segment	ID#	BU07PV	7	Ol	d Segm	ent ID#	WA-39	-1435		
Stream Route	#		0.81	Wa	ater Res	ource Inv	entory A	Area	39	
Township		21N		Wa	aterbody	/ Grid #				
Range		17E		Gr	id Latitu	ıde				
Section		02		Gr	id Long	itude				
Basis for Consideration Listing	of		Indian Nation				•	almer o	on8/10/93)	show multiple
Remarks										
Water Name	CABI	N CREE	K							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action I	Needed	TMDI	,	
New Segment	ID#	CX24KI	3	Ol	d Segme	ent ID#	WA-39	-1075		
Stream Route	#		0	Wa	ater Res	ource Inv	ventory A	Area	39	
Township		20N		Wa	aterbody	/ Grid #				
Range		13E		Gr	id Latitu	ıde				
Section		09		Gr	id Long	itude				
Basis for Consideration Listing	of									Boundary by theal of EPA on
Remarks										

Water Name	CHER	RRY CRE	EK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMDI	 L	
New Segment I	ID#	FT68CJ		OI	d Segm	ent ID#	WA-39	-1032		
Stream Route	<b>#</b>		0	W	ater Res	ource In	ventory A	Area	39	
Township		17N		W	aterbod	y Grid #				
Range		19E		Gr	id Latitu	ıde				
Section		31		Gr	id Long	itude				
Basis for Consideration Listing	of	beyond t Yakama	he criterion o	ut of data	16 sample (submitte	es (25%) ir	ı 1995.		,	w 4 excursions
Remarks										
Water Name	CHER	RRY CRE	EK							
Parameter	DDT								Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMDI	L	
New Segment	ID#	FT68CJ		OI	d Segm	ent ID#	WA-39	-1032		
Stream Route	<b>#</b>		2.029	W	ater Res	ource In	ventory A	Area	39	
Township		17N		Wa	aterbody	Grid#				
Range		19E		Gr	id Latitu	ıde				
Section		29		Gr	id Long	itude				
Basis for Consideration Listing	of	Rinella,	et al. 1992, 2	excu	ırsions be	yond the c	riterion (a	t Thral	l) on 8/31/8	38 and 3/9/89.
Remarks										

Water Name	CHER	RRY CRE	EEK						
Parameter	4,4'-D							Mediu	Water
Parameter	4,4-D	DE						wearu	water
Place on 1998	List?	Yes	Listed in 19	996 Yes	Action N	leeded	TMDL	4	
New Segment	ID#	FT68CJ		Old Segme	ent ID#	WA-39	-1032		
Stream Route	#		2.029	Water Res	ource Inv	entory /	Area	39	
Township		17N		Waterbody	/ Grid #				
Range		19E		Grid Latitu	ıde				
Section		29		Grid Long	itude				
Basis for Consideration Listing	of		•	Vational Toxics n 1988 and 198		CFR Part	131) cri	terion at U	JSGS station
Remarks									
Water Name	СНЕБ	RRY CRE	EEK						
Parameter	Dieldı	rin						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996 Yes	Action N	leeded	TMDL	,	
New Segment	ID#	FT68CJ		Old Segme	ent ID#	WA-39	-1032		
Stream Route	#		2.029	Water Res	ource Inv	entory /	Area	39	
Township		17N		Waterbody	/ Grid #				
Range		19E		Grid Latitu	ıde				
Section		29		Grid Long	itude				
Basis for Consideration Listing	of	Rinella, 3/9/89.	et al. 1992, 6	ó excursions be	yond the cr	riterion (a	nt Thrall	) between	5/5/88 and
Remarks									

Water Name	CLE I	ELUM R	IVER							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	XN92G	U	0	ld Segm	ent ID#	WA-39	-1050		
Stream Route	#		12.635	W	ater Res	ource Inv	entory A	Area	39	
Township		20N		W	aterbody	y Grid #				
Range		14E		G	rid Latitu	ıde				
Section		10		G	rid Long	itude				
Basis for Consideration Listing	of		rsions beyond l Forest in 199						•	by Wenatchee
Remarks										
Water Name	COOL	KE CREI	EK							
Parameter	Fecal	Coliform	1						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI		
New Segment	ID#	SZ58XV	7	0	ld Segm	ent ID#	WA-39	-1034		
Stream Route	#		3.358	W	ater Res	ource Inv	entory /	Area	39	
Township		17N		W	aterbody	y Grid #				
Range		19E		G	rid Latitu	ıde				
Section		11		G	rid Long	itude				
Basis for Consideration Listing	of	Joy, 198 8/19/87.		is be	yond the u	pper criteri	ion at Cod	oke Cre	ek RM 0.2	5 on 8/18/87 and
Remarks										

Water Name	COOF	KE CREI	EK							
Parameter	Dissol	lved Oxy	gen						Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	SZ58XV	1	0	ld Segme	ent ID#	WA-39	-1034		
Stream Route	<del>‡</del>		3.358	W	ater Res	ource Inv	entory A	Area	39	
Township		17N		W	aterbody	/ Grid #				
Range		19E		G	rid Latitu	ıde				
Section		11		G	rid Long	itude				
Basis for Consideration Listing	of	Joy, 198 8/19/87.	88. 2 excursion	ns bey	yond the c	riterion at (	Cooke Cr	eek RM	1 0.8 on 8/1	8/87 and
Remarks										
Water Name	СООН	KE CREI	EK							
Parameter	Fecal	Coliform	l						Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	SZ58XV	I	0	ld Segme	ent ID#	WA-39	-1034		
Stream Route	<b>#</b>		2.518	W	ater Res	ource Inv	entory A	Area	39	
Township		17N		W	aterbody	/ Grid #				
Range		19E		G	rid Latitu	ıde				
Section		10		G	rid Long	itude				
Basis for Consideration Listing	of	Joy, 198 8/19/87.		ns bey	yond the u	pper criteri	ion at Cod	oke Cre	ek RM 0.0	6 on 8/18/87 and
Remarks										

Water Name	COOK	KE CREI	īK							
			- TK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action	Needed	TMD	L	
New Segment	ID#	SZ58XV	7	0	ld Segm	ent ID#	WA-39	9-1034		
Stream Route	<b>#</b>		22.539	V	later Res	source In	ventory	Area	39	
Township		19N		W	/aterbod	y Grid #				
Range		20E		G	rid Latit	ude				
Section		19		G	rid Long	jitude				
Basis for Consideration Listing	of		Indian Natio the criterion i			ed by Carr	oll Palme	r on 2/2	28/96) show	2 excursions
Remarks										
Water Name	COOF	KE CREI	EK							
Parameter	Fecal	Coliform	1						Mediu	Water
Place on 1998	List?	No	Listed in 1	996	Yes	Action	Needed	None		
New Segment	ID#	SZ58XV	/	0	ld Segm	ent ID#	WA-39	9-1034		
Stream Route	<del>‡</del>		2.518	V	later Re	source In	ventory	Area	39	
Township		17N		W	/aterbod	y Grid #				
Range		19E		G	rid Latit	ude				
Section		10		G	rid Long	jitude				
Basis for Consideration Listing	of	Joy, 199	3. Fecal coli	form	was not n	neasured in	this stud	у		
Remarks		The prop Joy (199		base	d on these	e data was	in error. F	Fecal co	oliform was	not measured in

Water Name	COOL	KE CREI	EK							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	SZ58XV	7	0	ld Segme	ent ID#	WA-39	-1034		
Stream Route	<del>‡</del>		24.145	W	ater Res	ource Inv	entory A	Area	39	
Township		19N		W	aterbody	/ Grid #				
Range		20E		G	rid Latitu	ıde				
Section		19		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nation ons beyond the			•	•	Palmer (	on 8/10/93)	show multiple
Remarks										
Water Name	COOF	KE CREI	EK							
Parameter	Dissol	ved Oxy	gen						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action N	leeded	TMDI	<u>,                                      </u>	
New Segment	ID#	SZ58XV	7	0	ld Segme	ent ID#	WA-39	-1034		
Stream Route	<b>#</b>		2.518	W	ater Res	ource Inv	entory A	Area	39	
Township		17N		W	aterbody	/ Grid #				
Range		19E		G	rid Latitu	ıde				
Section		10		G	rid Long	itude				
Basis for Consideration Listing	of	Joy, 199 during 1	93. 4 excursion 993.	is be	yond the o	criterion 20	00 feet bel	ow the	Kittitas W	WTP outfall
Remarks										

Water Name	COOP	PER RIV	FR							
			LK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action N	Needed	TMDI		
New Segment I	D#	WX84IT	,	C	old Segm	ent ID#	WA-39	-1055		
Stream Route #	#		0	V	Vater Res	source Inv	ventory A	Area	39	
Township		22N		٧	Vaterbod	y Grid #				
Range		14E		G	rid Latit	ude				
Section		16		G	irid Long	jitude				
Basis for Consideration Listing			sions beyon bmitted by l					by Wei	natchee Nat	ional Forest in
Remarks										
Water Name	CRYS	TAL CR	EEK							
Parameter	Fecal (	Coliform							Mediu	Water
Place on 1998	List?	No	Listed in	1996	No	Action N	Needed	None		
New Segment I	D#	VQ25D0		C	old Segm	ent ID#	WA-39	-1037		
Stream Route #	<b>#</b>		2.579	V	Vater Res	source Inv	ventory A	Area	39	
Township		20N		٧	Vaterbod	y Grid #				
Range		15E		G	rid Latit	ude				
Section		21		G	irid Long	jitude				
Basis for Consideration Listing	of									tudy. Worst- gn conditions.
Remarks			ased on necoroved the T				oed in Wil	llms, 19	91, submitt	ed on 3/9/92.

Water Name	CRYS	STAL CR	EEK						
Parameter	Disso	lved Oxyg	gen					Mediu	Water
Place on 1998	List?	No	Listed in 19	996 No	Action N	leeded	None		
New Segment		VQ25DC		Old Segme		WA-39			
		VQ23DC		•				20	
Stream Route	#		2.579	Water Res	ource inv	entory /	Area	39	
Township		20N		Waterbody	y Grid #				
Range		15E		Grid Latitu	ıde				
Section		21		Grid Long	itude				
Basis for Consideration Listing	of			cursions beyond ed that standard					
Remarks				ssary permit lin IDL on 2/12/93		ed in Wil	lms, 19	91, submit	ted on 3/9/92.
Water Name	CRYS	STAL CR	EEK						
Parameter	Chlor	ine						Mediu	Water
Place on 1998	List?	No	Listed in 19	996 No	Action N	leeded	None		
New Segment	ID#	VQ25DC		Old Segm	ent ID#	WA-39	-1037		
Stream Route	#		2.579	Water Res	ource Inv	entory A	Area	39	
Township		20N		Waterbody	y Grid #				
Range		15E		Grid Latitu	ıde				
Section		21		Grid Long	itude				
Basis for Consideration Listing	of			cursions beyond ed that standard					
Remarks				ssary permit lin		ed in Wil	lms, 19	91, submit	ted on 3/9/92.

Water Name	CRYS	TAL CF	REEK						
Parameter	Ammo	onia-N						Mediu	Water
Place on 1998 L	ist?	No	Listed in 19	<b>96</b> No	Action N	leeded	None		
New Segment II	D#	VQ25D	С	Old Segm	ent ID#	WA-39	-1037		
Stream Route #			2.579	Water Res	ource Inv	entory /	Area	39	
Township		20N		Waterbod	y Grid #				
Range	ļ	15E		Grid Latite	ude				
Section		21		Grid Long	itude				
Basis for Consideration of Listing	of		1991. No exc deling predicte						
Remarks			proved the TM			ed in Wil	lms, 199	1, submit	ted on 3/9/92.
Water Name	CRYS	TAL CF	REEK						
Parameter	Fecal (	Coliform	1					Mediu	Water
Place on 1998 L	ist?	No	Listed in 19	<b>96</b> No	Action N	leeded	None		
New Segment II	D#	VQ25D	С	Old Segm	ent ID#	WA-39	-1037		
Stream Route #			5.063	Water Res	source Inv	entory A	Area	39	
Township		20N		Waterbod	y Grid #				
Range	Ī	15E		Grid Latite	ude				
Section		17		Grid Long	itude				
Basis for Consideration of Listing		•	35. 2 excursion and 6/12/86.	ns beyond the	upper criter	ion at Cr	ystal Cre	eek RM 2.	7 and 3.0 on
Remarks			pased on necess proved the TM			ed in Wil	lms, 199	1, submit	ted on 3/9/92.

Water Name	CRYS	STAL CR	EEK								
Parameter	Dissol	lved Oxyg	gen					Mediu	Water		
Place on 1998	List?	No	Listed in 199	6 No	Action N	leeded	None				
New Segment I	ID#	VQ25D0		Old Segn	nent ID#	WA-39	-1037				
Stream Route #	<b>#</b>		2.579	Water Re	source Inv	entory	Area	39			
Township		20N		Waterboo	ly Grid #						
Range		15E		<b>Grid Latit</b>	ude						
Section		21		Grid Long	gitude						
Basis for Consideration Listing	of	Joy, 198	5. 1 excursions	beyond the	criterion at	Crystal C	Creek R	M 1.8 on 6	5/11/86		
Remarks		A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.  TMDL based on necessary permit limits described in Willms, 1991, submitted on 3/9/92.  EPA approved the TMDL on 2/12/93.									
Water Name	CRYS	STAL CR	EEK								
Parameter	Chlori	ine						Mediu	Water		
Place on 1998	List?	No	Listed in 199	<b>16</b> No	Action N	leeded	None				
New Segment I	ID#	VQ25DO		Old Segn	nent ID#	WA-39	-1037				
Stream Route #	<b>#</b>		2.579	Water Re	source Inv	entory	Area	39			
Township		20N		Waterboo	ly Grid #						
Range		15E		<b>Grid Latit</b>	ude						
Section		21		Grid Long	gitude						
Basis for Consideration Listing	of	Joy, 198. and 6/12	5. 2 excursions /86.	beyond the	criterion at (	Crystal C	reek RN	M 1.6 and 1	.8 on 6/11/86		
Remarks			ased on necessa	• •		ed in Wil	llms, 19	91, submit	ted on 3/9/92.		

Water Name	CRYS	STAL CR	REEK						
Parameter	Ammo	onia-N						Mediu	Water
Place on 1998	List?	No	Listed in 19	96 No	Action N	leeded	None		
New Segment	ID#	VQ25D	С	Old Segn	ent ID#	WA-39	-1037		
Stream Route #	<b>#</b>		2.579	Water Re	source Inv	entory A	Area	39	
Township		20N		Waterboo	ly Grid #				
Range		15E		Grid Latit	ude				
Section		21		Grid Long	gitude				
Basis for Consideration Listing	of	Joy, 198 and 6/12	35. 2 excursion 2/86.	s beyond the	criterion at (	Crystal Cı	reek RM	1 1.6 and 1	.8 on 6/11/86
Remarks			pased on neces proved the TM	• •		ed in Wil	lms, 19	91, submit	ted on 3/9/92.
Matan Nama	CDVC	STAL CR	PER						
Water Name	CRYS	TAL CK	KEEK						
Parameter	pН							Mediu	Water
Place on 1998	List?	No	Listed in 19	<b>Yes</b>	Action N	leeded	None		
New Segment I	ID#	VQ25D	С	Old Segn	ent ID#	WA-39	-1037		
Stream Route #	<b>#</b>		2.579	Water Re	source Inv	entory A	Area	39	
Township		20N		Waterboo	ly Grid #				
Range		15E		Grid Latit	ude				
Section		21		Grid Long	gitude				
Basis for Consideration Listing	of		35. No excursi oH values were	•				•	reek in this astewater Lagoon.
Remarks		This seg	ment was prop	osed for listin	ng in error b	ased on th	ne cited	report.	

Water Name	FREN	ІСН САВ	IN CREEK						
Parameter	Temp	erature						Mediu	Water
Place on 1998	l ist?	No	Listed in 19	96 No	Action N	eeded	None		
			Listed III 13		]				
New Segment		AJ66HF		Old Segme		WA-39		20	
Stream Route	#		0	Water Res	source Inve	entory A	Area	39	
Township		22N		Waterbody					
Range		14E		Grid Latitu					
Section		32		Grid Long	itude				
Basis for Consideration Listing	of		on beyond the submitted by I					chee Nation	nal Forest on
Remarks		A single listing.	excursion beyo	and the criteri	on does not	meet the	Water	Quality Pro	ogram Policy for
Water Name	GALE	E CREEK							
Parameter	Temp	erature						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96 Yes	Action N	eeded	TMDL		
New Segment	ID#	RZ54RL		Old Segme	ent ID#	WA-39	-1300		
Stream Route	#		0	Water Res	ource Inve	entory A	Area	39	
Township		22N		Waterbody	y Grid #				
Range		13E		Grid Latitu	ıde				
Section		32		Grid Long	itude				
Basis for Consideration Listing	of		sions beyond t bmitted by Bel		•		by Wen	atchee Nat	ional Forest in
Remarks									

			_							
Water Name	GOLI	CREEK	<u> </u>							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action N	leeded	TMDI	<u>,                                      </u>	
New Segment	ID#	ZS28LG	ì	O	ld Segme	ent ID#	WA-39	-1390		
Stream Route	#		4.909	W	ater Res	ource Inv	entory A	Area	39	
Township		22N		W	aterbody	/ Grid #				
Range		11E		G	rid Latitu	ıde				
Section		01		G	rid Long	itude				
Basis for Consideration Listing	of		ions beyond tl in 6/94 (subm							elow Old Gold
Remarks										
Water Name	IRON	CREEK	-							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI		
New Segment	ID#	YW62R	W	O	ld Segme	ent ID#	WA-39	-1440		
Stream Route	#		0.059	W	ater Res	ource Inv	entory A	Area	39	
Township		21N		W	aterbody	/ Grid #				
Range		17E		G	rid Latitu	ıde				
Section		03		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nation ons beyond the					Palmer o	on8/10/93)	show multiple
Remarks										

Water Name	LOG	CREEK							
Parameter	Tempe	erature						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996 Yes	Action N	Needed	TMDL	,	
	ļ	SP21BV				WA-39	L		
New Segment		SPZIDV		J	ment ID #				
Stream Route	#		0	Water R	esource Inv	entory A	Area	39	
Township		20N		Waterbo	dy Grid #				
Range		13E		Grid Lat	itude				
Section		19		Grid Lo	ngitude				
Basis for Consideration Listing	of		ions beyond t 1989 and 199		•		•		onal Forest
Remarks									
Water Name	LOOK	COUT CF	REEK						
Parameter	Tempe	erature						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	<b>996</b> Yes	Action N	Needed	TMDL	,	
New Segment	ID#	YU33XI	7	Old Seg	ment ID#	WA-39	-1558		
Stream Route	#		24.575	Water R	esource Inv	entory A	Area	39	
Township		19N		Waterbo	dy Grid #				
Range		14E		Grid Lat	itude				
Section		02		Grid Lo	ngitude				
Basis for Consideration Listing	of		Indian Nation			•	Palmer o	on 8/10/93)	show multiple
Remarks									

Water Name	MAN	ASTASH	I CREEK							
Parameter	Instrea	am Flow							Mediu	Habitat
Place on 1998	l ist?	Yes	Listed in 1	996	Yes	Action	Needed	1 Oth	er Control	
						1				
New Segment		AT33DI			ld Segm			39-300	_	
Stream Route	#		0.061	W	ater Res	ource Ir	nventor	y Area	39	
Township		17N		W	aterbod	y Grid #				
Range		18E		G	rid Latitı	ude				
Section		04		G	rid Long	itude				
Basis for Consideration Listing	of	and Wild 1991.;Tl and has instream studies. any days from RM less-than summer diversion	dlife, 1990;Y ne stream med been added to flow levels w The minimum in 1981 and M 3.3to 4.9 w n-natural disc steelhead sto	akima ets all the l were r m flow 1989 ith all harge cks in	a River Su the Wate list. Hydro ecommen ws of 20 to . In Augu reaches b (Yakima a the Yaki ream of R	bbasin Pl r Quality blogy data ded by the o 55 cfs fo ast, 1988 t below the Subbasin ma are lis M 5.7, pro	an, 1990 Program is shown e USFW or July the creek Manasta Plan, 199 ted as de esently re	;SASS criteri n for 1 <sup>th</sup> S (Sim rough was dr sh Ditc 90). T pressec	I, 1993; Nehl a for inadeque 981 and 1983 mons, 1983) November wary from RM chat RM 5.7 The Spring Cl d (SASSI, 19	ate instream flow 8-90. Minimum after doing were not met on 1.5 to 3.0 and noted as having a hinook and
Remarks										
Water Name	MANI	A CT A CI	CDEEK CI	7						
			CREEK, S.I						Marilla	<b>X</b> Y 4
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action	Needed	TM.	IDL	
New Segment	ID#	WW44P	W	0	ld Segm	ent ID#	WA-	39-302	25	
Stream Route	<del>‡</del>		14.54	W	ater Res	ource Ir	nventor	y Area	39	
Township		18N		W	aterbod	y Grid #				
Range		15E		G	rid Latitı	ude				
Section		36		G	rid Long	itude				
Basis for Consideration Listing	of		nee National l							Boundary by of EPA on
Remarks										

Water Name	MAN	ASTASH	CREEK, S.F							
Parameter		erature							Mediu	Water
Place on 1998	l ist?	Yes	Listed in 19	196	Yes	Action I	Needed	TMDL		
1 1000 011 1000	LIST.	103	Listed III 10	,50	103	Action	- Incoura	TIVIDE		
New Segment	ID#	WW44P	W	Old	l Segme	ent ID#	WA-39	-3020		
Stream Route	#		0	Wa	ter Res	ource In	ventory A	Area	39	
Township		17N		Wa	terbody	/ Grid #				
Range		17E		Gri	d Latitu	ıde				
Section		17		Gri	d Long	itude				
Basis for Consideration Listing	of		Indian Nation he criterion in			ed by Carr	oll Palmer	r on 2/28	8/96)show	18 excursions
Remarks										
Water Name	MEAI	DOW CR	EEK							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMDL	,	
New Segment	ID#	CL02YY	7	Old	l Segme	ent ID#	WA-39	-1350		
Stream Route	#		1.251	Wa	ter Res	ource In	ventory	Area	39	
Township		21N		Wa	terbody	/ Grid #				
Range		11E		Gri	d Latitu	ıde				
Section		13		Gri	d Long	itude				
Basis for Consideration Listing	of		rsions beyond Forest in 199							Wenatchee
Remarks										

Mr. d N	NIANI	TIM CD	DDI/							
Water Name	NANE	EUM CR	EEK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMDL	,	
New Segment I	ID#	MA29C	N	Old	l Segme	ent ID#	WA-39	-1025		
Stream Route	#		27.456	Wa	ter Res	ource Inv	ventory /	Area	39	
Township		19N		Wa	terbody	Grid#				
Range		19E		Gri	d Latitu	de				
Section		03		Gri	d Longi	tude				
Basis for Consideration Listing	of		Indian Nation ns beyond the					Palmer o	on 8/10/93)	show multiple
Remarks										
Water Name	SELA	H DITCI	H							
Parameter	Dissol	ved Oxy	gen						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMDL	,	
New Segment I	ID#	DV19FC	j	Old	l Segme	ent ID#	WA-39	-1110		
Stream Route	#		0.067	Wa	ter Res	ource Inv	ventory /	Area	39	
Township		13N		Wa	terbody	Grid#				
Range		18E		Gri	d Latitu	de				
Section		01		Gri	d Longi	tude				
Basis for Consideration Listing	of		0. 2 excursion 3 and 10/26/88		ond the ci	riterion at	several lo	cations	on Selah D	itch on
Remarks	ĺ									

Water Name	SELA	H DITC	Н						
Parameter	Chlor	ine						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996 Yes	Action I	Needed	TMDI		
New Segment	ID#	DV19F0	3	Old Seg	ment ID #	WA-39	<b>)</b> -1110		
Stream Route	#		0.067	Water R	esource In	ventory	Area	39	
Township		13N		Waterbo	ody Grid #				
Range		18E		Grid La	itude				
Section		01		Grid Lo	ngitude				
Basis for Consideration Listing	of		00. Chlorine v						vever, a modeling
Remarks									
Water Name	SELA	H DITC	Н						
Parameter	Ammo	onia-N						Mediu	Water
Place on 1998	List?	Yes	Listed in 19	<b>Yes</b>	Action I	Needed	TMDI		
New Segment	ID#	DV19F0	G	Old Seg	ment ID#	WA-39	-1110		
Stream Route	#		0.067	Water R	esource In	ventory	Area	39	
Township		13N		Waterbo	ody Grid #				
Range		18E		Grid La	itude				
Section		01		Grid Lo	ngitude				
Basis for Consideration Listing	of		00. Ammonia g showed that						
Remarks									

Water Name S	TAFFORD CREEK
Parameter To	emperature Mediu Water
Place on 1998 Lis	Yes Listed in 1996 Yes Action Needed TMDL
New Segment ID	# IY03YA Old Segment ID # WA-39-2155
Stream Route #	0 Water Resource Inventory Area 39
Township	22N Waterbody Grid #
Range	16E Grid Latitude
Section	33 Grid Longitude
Basis for Consideration of Listing	35 excursions beyond the criterion sampled at the mouth by Wenatchee National Forest in 1994 (submitted by Bella Patheal of EPA on 12/1/95) .
Remarks	
Water Name S	ΓAFFORD CREEK
Parameter To	emperature Mediu Water
Place on 1998 Lis	Yes Listed in 1996 Yes Action Needed TMDL
New Segment ID	# IY03YA Old Segment ID # WA-39-2155
Stream Route #	0 Water Resource Inventory Area 39
Township	22N Waterbody Grid #
Range	16E Grid Latitude
Section	33 Grid Longitude
Basis for Consideration of Listing	Yakama Indian Nation Tribal data (submitted by Carrol Palmer on 8/10/93) show multiple excursions beyond the criterion between1990 and 1992.
Remarks	

Water Name	SWA	UK CREI	EK							
Parameter	Temp	erature							Mediu	Water
Place on 1998 l	List?	Yes	Listed in 1	1996	Yes	Action N	leeded	TMD	L	
New Segment I	ID#	EQ32W	A	0	ld Segm	ent ID#	WA-39-	-1400		
Stream Route #	<b>#</b>		16.869	W	ater Res	ource Inv	entory A	Area	39	
Township		20N		W	aterbody	y Grid #				
Range		17E		G	rid Latitu	ıde				
Section		01		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nations beyond the		,	•		almer	on 8/10/93)	show multiple
Remarks										

Water Name	SWA	UK CREI	EK							
Parameter	Instre	am Flow							Mediu	Habitat
Place on 1998	List?	No	Listed	n 19	996 No	Action N	leeded	None		
New Segment	ID#	EQ32W	A		Old Segm	ent ID#	WA-39	-1400		
Stream Route	#		5.3	02	Water Res	source Inv	entory	Area	39	
Township		19N			Waterbod	ly Grid #				
Range		17E			Grid Latit	ude				
Section		05	·		Grid Long	gitude		·		
									<u>'</u>	

Basis for Consideration of Listing The hydrology available from USGS shows the flows were measured from 1909 to 1914. The Creek went dry in 1914 in August and September, but was 0.5 cfs in 1910 an 1911 in those same months. Miscellaneous measurements by USGS in those same months in 1967,1970, 1973, 1977, and 1981 showed flows from 0.39 to 2.55 cfs. This meets listing criteria for hydrology information. The commentor also said the creek was dry in those same months on multiple occasions since 1988, but no dates were provided. Spring Chinook and summer steelhead stocks in the Yakima are listed as depressed (SASSI, 1993). The Coho stock has become extinct. Instream flow levels appear to be inadequate since summer/fall flows seem to often be between 0.5 to 0.0 cfs. In Appendix 1 of the Yakima Subbasin Plan (1990), the Summary of Aquatic Habitat says, 'The only active diversion on the creek, the Burke diversion at RM 7.0, is relatively small, and does not appear to impact downstream flows significantly.' 'At the present time, naturally occurring low flows throughout the system and the absence of flow in the lower three to five miles in the fall limit steelhead production rather severely, and totally preclude Coho production.'

## Remarks

The information provided does not meet the criteria to show human caused alteration of the environment, since the Subbasin Report written by the Yakama Tribe as the lead with assistance by the Departments of Fisheries and Wildlife says the only diversion on the creek does not appear to impact downstream flows and that the low or no flow in the lower section of the creek is a naturally occurring event. The stream segment does not meet all the Water Quality Program Policy criteria for inadequate instream flow and has not be added to the list.

Water Name	SWA	UK CRE	EK							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action I	Needed	TMDI		
New Segment I	ID#	EQ32W	A	OI	d Segm	ent ID#	WA-39	-1420		
Stream Route	#		13.397	Wa	ater Res	ource In	ventory	Area	39	
Township		21N		Wa	aterbod	y Grid #				
Range		17E		Gr	id Latit	ude				
Section		15		Gr	id Long	itude				
Basis for Consideration Listing	of		Indian Natio					Palmer (	on8/10/93)	show multiple
Remarks										
Water Name	TANE	EUM CR	EEK							
Parameter	Instra	am Flow							Mediu	Habitat
rarameter	msuc	alli Piow							Wediu	Habitat
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action I	Needed	Other	Control	
New Segment I	ID#	WF36A	I	OI	d Segm	ent ID#	WA-39	-1500		
Stream Route					•					
	#		0.577	Wa	ater Res	source In	ventory /	Area	39	
Township	#	19N	0.577			source Inv y Grid #	ventory /	Area	39	
Township Range	<b>#</b>	19N 17E	0.577	W		y Grid #	ventory A	Area	39	
-	<del>#</del>		0.577	Wa Gr	aterbod	y Grid # ude	ventory /	Area	39	
Range		U.S. Bu gage at t 11990;SA Quality 303d lis levels w minimum more that are lister runs exi Basin Si system i	reau of Recla the mouth; U ASSI, 1993;N Program Poli it. Hydrology were recomment in flows of 15 an 95% of the d as depressed sted in Taneu ubbasin Plan)	matior I.S Fi ehlson cy crit data i nded b cfs fo e days. d (SAS) m Cre . The r and f	n, 1990, sh and Was, et al. 19 eria for i s shown sy the US or July an Spring SSI, 1993 ek until comain corrall flows	measured fildlife, 1991.;The loo nadequate for 1980-8. FWS(Simr d August, a Chinook ar). The Colonstruction straint to r (Yakima/K	flows nea 90; Yakim wer stream instream f 1 and 198 nons, 198 and 10 cfs and summe the stock he of the T estoration lickitat Pa	r the mo a River m segme low and 8-90. M 3) after for Seper steelh has beco aneum la of spri roduction	outh; USG Subbasin Fent meets a I has been a Iinimum in doing stud otember we lead stocks ome extinct Ditch in 19 ng Chinool on Report,	Il the Water added to the stream flow ies. The re not met on in the Yakima. Good Coho 10 (Yakima k in the Taneum 1990). There are

Water Name	TANE	EUM CR	EEK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	J	
New Segment	ID#	WF36A	I	0	ld Segme	ent ID#	WA-39	-1520		
Stream Route	<b>#</b>		0.577	W	ater Res	ource Inv	entory A	Area	39	
Township		18N		W	aterbody	/ Grid #				
Range		17E		G	rid Latitu	ıde				
Section		04		G	rid Long	itude				
Basis for Consideration Listing	of		rsions beyond I Forest in 199			•				Wenatchee
Remarks										
Water Name	TANE	EUM CR	EEK, S.F.							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	WJ69FI		0	ld Segme	ent ID#	WA-39	-1570		
Stream Route	#		1.047	W	ater Res	ource Inv	entory A	Area	39	
Township		19N		W	aterbody	/ Grid #				
Range		15E		G	rid Latitu	ıde				
Section		26		G	rid Long	itude				
Basis for Consideration Listing	of		ions beyond to the state of the					y Wena	tchee Natio	onal Forest in
Remarks										

Water Name	TEAN	NAWAY	RIVER							
Parameter	Instre	am Flow							Mediu	Habitat
Place on 1998	List?	Yes	Listed in 1	1996	Yes	Action I	Needed	Other	Control	
New Segment	ID#	ZH39IA	<b>L</b>	OI	ld Segm	ent ID#	WA-39	9-2000		
Stream Route	#		0	W	ater Res	source In	ventory	Area	39	
Township		19N		W	aterbod	y Grid #				
Range		16E		Gı	rid Latit	ude				
Section		03		Gı	rid Long	itude				
Basis for Consideration Listing	of	Reclam Subbasis Quality Hydrolo flow lev minimu were no stocks i extinct. steelhea constrai spring C Report, Septemal Report(	ogy data is shivels were recommon flows of 48 t met on morn the Yakima The Teanawad, and Cohont to salmon Chinook and Chinook	ta from SASS icy criticown for the say Cree in the production of the same report the dentifit and the same report t	n gage at I, 1993;N teria for it 1927-1 ded by the for June, 99% of the sted as de ek was his Yakima bection and spawning eport state lower rived 9 dive	RM 11;U.S. Jehlson, et madequate is 977, 1988-e USFWS(65 cfs for me days in Epressed(SA storically obasin (Yaki restoration and passages that the layer is dry orrsions on T	S. Fish and al. 1991.; instream f 1990, and Simmons July and A 1994. Spine of the ma Basin is low sue upstream ower ten r nearly deal.	d Wildli The stree flow and I 1994-1 Is, 1983) August, ring Chi 3). The top proof Subbas mmer a m (Yaki miles arry. The	ife, 1990; Yeam meets and has been 1995. Mining after doing and 30 cfs in ook and so Coho stock ducers of spin Plan, 19 and fall flowing Klickit re heavily in Bureau of	akima River all the Water added to the list. mum instream g studies. The for September summer steelhead k has become pring Chinook, 90). The main ws preventing at Production rrigated, and by Fisheries
Remarks										
Water Name	TEAN	IAWAY	RIVER							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	1996	Yes	Action I	Needed	TMDI	Ĺ	
New Segment	ID#	ZH39IA		OI	ld Segm	ent ID#	WA-39	9-2000		
Stream Route	#		0	W	ater Res	source In	ventory	Area	39	
Township		19N		W	aterbod	y Grid #				
Range		16E		Gı	rid Latit	ude				
Section		03		Gı	rid Long	itude				
Basis for Consideration Listing	of		Indian Nation the criterion			ed by Carro	oll Palme	r on 2/2	8/96)show	41 excursions
Remarks										

Water Name TEA	NAWAY RIVER, M.F.				
Parameter Tem	perature			Mediu	Water
Place on 1998 List?	Yes Listed in 19	96 Yes Action No	eeded TMD	L	
New Segment ID #	KB71OY	Old Segment ID #	WA-39-2200		
Stream Route #	6.632	Water Resource Inve	entory Area	39	
Township	21N	Waterbody Grid #			
Range	15E	Grid Latitude			
Section	21	Grid Longitude			
Basis for Consideration of Listing		data (submitted by Carrol 1993 at station MFTY1.	l Palmer on 2/2	28/96)show	2 excursions
Remarks					
Water Name TEA	NAWAY RIVER, M.F.				
Parameter Tem	perature			Mediu	Water
Place on 1998 List?	Yes Listed in 19	96 Yes Action No	eeded TMD	L	
New Segment ID #	MB56NU	Old Segment ID #	WA-39-2250		
Stream Route #	1.64	Water Resource Inve	entory Area	39	
Township	21N	Waterbody Grid #			
Range	15E	Grid Latitude			
Section	02	Grid Longitude			
Basis for Consideration of Listing		Tribal data (submitted by criterion between1990 and		on8/10/93)	show multiple
Remarks					

Water Name	TEAN	IAWAY	RIVER, M.F.							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action I	Needed	TMDI	<u>.</u>	
New Segment	ID#	KB710	Y	Old	d Segme	ent ID#	WA-39	-2200		
Stream Route	#		0.341	Wa	ter Res	ource In	ventory /	Area	39	
Township		20N		Wa	terbody	/ Grid #				
Range		16E		Gri	d Latitu	ıde				
Section		06		Gri	d Long	itude				
Basis for Consideration Listing	of		Indian Nation he criterion a					on 2/28	8/96)show	51 excursions
Remarks										
Water Name	TEAN	IAWAY	RIVER, M.F.							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action I	Needed	TMDI		
New Segment	ID#	KB710	ď	Old	d Segme	ent ID#	WA-39	-2250		
Stream Route	#		8.42	Wa	ter Res	ource In	ventory A	Area	39	
Township		21N		Wa	terbody	/ Grid #				
Range		15E		Gri	d Latitu	ıde				
Section		16		Gri	d Long	itude				
Basis for Consideration Listing	of		us excursions nee National F							
Remarks										

Water News	TEAN	T A 337 A 37	DIVED N	Г						
Water Name	IEAN	IAWAY	RIVER, N.	F.						
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action N	eeded	TMD	L	
New Segment I	D#	TI29YR	_	0	ld Segm	ent ID#	WA-39	-2100		
Stream Route #	<b>#</b>		0.00	1 <b>W</b>	ater Res	ource Inv	entory A	Area	39	
Township		20N		W	aterbody	/ Grid #				
Range		16E		G	rid Latitu	ıde				
Section		06		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nat			ed by Carro	ll Palmer	on 2/2	8/96)show	23 excursions
Remarks										
Water Name	TEAN	IAWAY	RIVER, N.	F.						
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action N	eeded	TMDl	L	
New Segment I	D#	TI29YR		0	ld Segm	ent ID#	WA-39	-2150		
Stream Route #	<b>#</b>		13.68	8 W	ater Res	ource Inv	entory A	Area	39	
Township		22N		W	aterbody	/ Grid #				
Range		16E		G	rid Latitu	ıde				
Section		32		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nat					Palmer	on 8/10/93	) show multiple
Remarks										

Water Name	TΕΔΝ	IΔWΔV	RIVER, N	F						
			KI V LK, IV	.1 .						
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action N	leeded	TMDI		
New Segment I	D#	TI29YR		0	ld Segm	ent ID#	WA-39	-2150		
Stream Route #	ŧ		10.95	2 <b>W</b>	ater Res	ource Inv	entory A	Area	39	
Township		21N		W	aterbod	y Grid #				
Range		16E		G	rid Latitu	ıde				
Section		05		G	rid Long	itude				
Basis for Consideration Listing	of					terion samp submitted b				Boundary by 12/1/95) .
Remarks										
Water Name	TEAN	IAWAY	RIVER, W	.F.						
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action N	leeded	TMDI		
New Segment	D#	OD70S1	N	0	ld Segm	ent ID#	WA-39	-2350		
Stream Route	<b>#</b>		0.1	3 <b>W</b>	ater Res	ource Inv	entory A	Area	39	
Township		20N		W	aterbod	y Grid #				
Range		15E		G	rid Latitı	ıde				
Section		01		G	rid Long	itude				
Basis for Consideration Listing	of					ubmitted by een1990 an		Palmer	on 8/10/93	) show multiple
Remarks										

Water Name	TEAN	IAWAY	RIVER, W.F.							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	J	
New Segment	ID#	OD70SN	N	0	ld Segm	ent ID#	WA-39	-2350		
Stream Route	<b>#</b>		10.141	W	ater Res	ource Inv	entory /	Area	39	
Township		21N		W	aterbody	y Grid #				
Range		15E		G	rid Latitu	ıde				
Section		19		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nation the criterion in			ed by Carro	oll Palmer	on 2/2	8/96)show	19 excursions
Remarks										
Water Name	TEAN	IAWAY	RIVER, W.F.							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	OD70SN	٧	0	ld Segm	ent ID#	WA-39	-2300		
Stream Route	<b>#</b>		10.141	W	ater Res	ource Inv	entory /	Area	39	
Township		21N		W	aterbody	y Grid #				
Range		15E		G	rid Latitu	ıde				
Section		19		G	rid Long	itude				
Basis for Consideration Listing	of									32 excursions station WFTY1.
Remarks										

Water Name	TEAN	IAWAV	RIVER, W.F.							
			KIVEK, W.F.							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action	Needed	TMD	L	
New Segment I	D#	OD70S1	N	OI	d Segm	ent ID#	WA-39	9-2350		
Stream Route #	<b>#</b>		10.141	W	ater Res	source In	ventory	Area	39	
Township		21N		W	aterbod	y Grid #				
Range		15E		Gr	rid Latitı	ude				
Section		19		Gr	rid Long	itude				
Basis for Consideration Listing	of		us excursions hee National F							
Remarks										
Water Name	THOR	RP CREE	EK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	No	Listed in 19	996	Yes	Action	Needed	None		
New Segment I	D#	WA85G	ŀΑ	OI	d Segm	ent ID#	WA-39	9-1053		
Stream Route #	<b>‡</b>		0	W	ater Res	ource In	ventory	Area	39	
Township		22N		W	aterbod	y Grid #				
Range		14E		Gr	rid Latitı	ude				
Section		29		Gr	rid Long	itude				
Basis for Consideration Listing	of		sion beyond th (submitted by						atchee Natio	nal Forest on
Remarks		A single	excursion bey	yond t	the criteri	on does no	ot meet the	e Water	r Quality Pro	ogram policy for

Water Name	THO	RP CREE	TIV.							
water Name	THOR	KP CKEE	ZK.							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	WA85G	A	0	ld Segme	ent ID#	WA-39	-1053		
Stream Route	<b>#</b>		3.897	W	ater Res	ource Inv	entory A	Area	39	
Township		22N		W	aterbody	/ Grid #				
Range		13E		G	rid Latitu	ıde				
Section		25		G	rid Long	itude				
Basis for Consideration Listing	of		Indian Nation the criterion in			ed by Carro	oll Palmer	on 2/2	8/96)show	5 excursions
Remarks										
Water Name	WAP	ΓUS RIV	'ER							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	XB92PJ	-	0	ld Segme	ent ID#	WA-39	-1057		
Stream Route #	<b>#</b>		0	W	ater Res	ource Inv	entory A	Area	39	
Township		22N		W	aterbody	/ Grid #				
Range		14E		G	rid Latitu	ıde				
Section		04		G	rid Long	itude				
Basis for Consideration Listing	of		us excursions n 1994 (submi							thee National
Remarks										

Water Name	WEN.	AS CREE	EK							
Parameter	Instre	am Flow							Mediu	Habitat
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action	Needed	Other	Control	
New Segment	ID#	RJ61TR		0	ld Segn	nent ID #	WA-3	9-1012		
Stream Route	#		31.853	W	later Re	source l	nventory	Area	39	
Township		16N		W	/aterboo	dy Grid #				
Range		16E		G	rid Lati	ude				
Section		24		G	rid Lon	gitude				
Basis for Consideration Listing	of	Wildlife Program Hydrolo recommo 7 to 20 c 1967 to 1 listed as diversion	Policy criter gy was prese ended by the efs for July TI 1981. The Sp depressed (S	I, 199 ia for ited f USFV hroug oring ( ASSI ially d	93;Nehlso inadequ for 1967; WS (Simi h Octobe Chinook , 1993). Iry up tho	on, et al. 19 ate instrea to 1981. If mons, 198 ar were not and summ Wenas C to lower nine.	991.;The sm flow and Minimum 3) after do a met on and a reek suffer suff	tream med has been instream in stream in structure in the stream in the	neets all the een added to n flow leve lies. The m measured b s in the Na o extremely	Water Quality the list.
Remarks										
Water Name	WILL	IAMS C	REEK							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action	Needed	TMD	L	
New Segment	ID#	BI77WY	7	0	ld Segn	nent ID #	WA-3	9-1425		
Stream Route	#		1.621	W	later Re	source l	nventory	Area	39	
Township		20N		W	/aterboo	dy Grid #				
Range		17E		G	rid Lati	ude				
Section		02		G	rid Lon	gitude				
Basis for Consideration Listing	of		Indian Nations beyond the						on 8/10/93	s) show multiple
Remarks										

Water Name	WILS	ON CRE	EK							
Parameter	Fecal	Coliform	1						Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action I	Needed	TMDI		
New Segment	ID#	PY59BI	 7	C	Old Segm	ent ID#	WA-39	-1020		
Stream Route	#		C	V	Vater Res	source Inv	ventory A	Area	39	
Township		18N		V	Vaterbod	y Grid #				
Range		19E		(	Grid Latit	ude				
Section		30		•	Grid Long	jitude				
Basis for Consideration Listing	of		and Presco uring 1978 a			tric mean o	f 1400 n	neasure	d just upstr	eam of Cascade
Remarks										
Water Name	WILS	ON CRE	EEK							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in	1996	Yes	Action I	Needed	TMDI		
New Segment	ID#	PY59BI	7	C	Old Segm	ent ID#	WA-39	-1020		
Stream Route	#		0.023	V	Vater Res	source Inv	ventory A	Area	39	
Township		17N		V	Vaterbod	y Grid #				
Range		19E		0	Grid Latit	ude				
Section		30		(	Grid Long	jitude				
Basis for Consideration Listing	of	beyond Yakama	the criterion	out o	f 16 sampl ta (submitt	es (44%) ir	ı 1995.			v 7 excursions 7 excursions
Remarks										

	0	011.00.0								
Water Name	WILS	ON CRE	EEK							
Parameter	Tempe	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 1	996	Yes	Action N	leeded	TMDI	_	
New Segment	ID#	PY59BI	7	0	ld Segme	ent ID#	WA-39	-1020		
Stream Route	<b>#</b>		0	W	ater Res	ource Inv	entory A	Area	39	
Township		17N		W	aterbody	/ Grid #				
Range		19E		G	rid Latitu	ıde				
Section		31		G	rid Long	itude				
Basis for Consideration Listing	of	2 excurs and 7/25	sions beyond ( 5/94.	he cr	iterion at U	JSBR statio	on YAV1	46 (at 7	Γhrall Road	on 8/28/90
Remarks										
Water Name	WILS	ON CRE	EEK							
Parameter	Dieldı	rin							Mediu	Water
Place on 1998	List?	No	Listed in 1	996	No	Action N	leeded	None		
New Segment	ID#	EB21AI	₹	0	ld Segme	ent ID#	WA-39	-1020		
Stream Route	#		240.748	W	ater Res	ource Inv	entory A	Area	39	
Township		17N		W	aterbody	/ Grid #				
Range		19E		G	rid Latitu	ıde				
Section		31		G	rid Long	itude				
Basis for Consideration Listing	of		, et al. 1986. I) on 6/24/85.	, 1 ex	cursion be	eyond the c	chronic cr	iterion	at Ecology	station 39C070
Remarks		A single	e excursion be	eyond	the criteri	on does no	t violate	the wat	er quality s	tandards.

Water Name	wiis	ON CRE	FK						
Parameter	Fecal	Coliform	1				Mediu	Water	
Place on 1998	List?	Yes	Listed in 19	996 Yes	Action N	eeded	TMDL	ı	
New Segment	ID#	EB21AI	3	Old Segm	ent ID#	WA-39-	-1020		
Stream Route	#		242.727	Water Res	ource Inve	entory A	Area	39	
Township		17N		Waterbod	y Grid #				
Range		18E		Grid Latitu	ıde				
Section		25		Grid Long	itude				
Basis for Consideration Listing	of		•	he criterion ou 0.4) between 9	•		) at Eco	ology ambi	ent monitoring
Remarks									
Water Name	YAKI	MA RIV	ER						
Parameter	4,4'-D	DE						Mediu	Tissue
Place on 1998	List?	Yes	Listed in 19	<b>996</b> Yes	Action N	eeded	TMDL	,	
New Segment	ID#	EB21AI	2	Old Segm	ent ID#	WA-39	-1030		
Stream Route	#		297.908	Water Res	ource Inve	entory A	Area	39	
Township		20N		Waterbod	y Grid #				
Range		15E		Grid Latitu	ıde				
Section		27		Grid Long	itude				
Basis for Consideration Listing	of		et al. 1986. , sh on 8/19/85.	excursion bey	ond the crite	erion in e	dible ti	ssue of the	Mountain
Remarks									

Water Name	YAKI	MA RIV	ER							
Parameter	DDT								Mediu	Tissue
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action I	Needed	TMD	DL	
New Segment I	D#	EB21AF	}	0	ld Segm	ent ID#	WA-39	-1030		
Stream Route #	<b>‡</b>		297.908	W	ater Re	source Inv	ventory i	Area	39	
Township		20N		W	aterbod	ly Grid #				
Range		15E		G	rid Latit	ude				
Section		27		G	rid Long	gitude				
Basis for Consideration Listing	of		et al. 1986. , sh on 8/19/85.	excu	rsion bey	ond the cri	terion in e	edible	tissue of the	e Mountain
Remarks										
Water Name	YAKI	MA RIV	ER							
Parameter	Mercu	ıry							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	No	Action I	Needed	TMD	)L	
New Segment I	D#	EB21AF	3	0	ld Segm	ent ID#	WA-39	-1030		
Stream Route #	<b>‡</b>		287.35	W	ater Re	source Inv	ventory A	Area	39	
Township		19N		W	aterbod	ly Grid #				
Range		16E		G	rid Latit	ude				
Section		04		G	rid Long	gitude				
Basis for Consideration Listing	of		et al. 1996., 2 1987 and 199		nples coll	ected at stat	tion 6 (Cle	e Elum	n) exceeded	the criterion
Remarks		Rickert, (Johnson	ata from the 19 1991).The res n, 1996; Johns andum from A	ults a	are incons al., 1986	sistent with  6). Verifica	Ecology tion samp	data co ling is	ollected on recommen	ded

Water Name	YAKI	MA RIV	ER							
Parameter	Dieldr	in							Mediu	Tissue
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMD	L	
New Segment I	ID#	EB21AR		Old	Segm	ent ID#	WA-39	-1010		
Stream Route #	<b>#</b>		223.402	Wat	ter Res	ource In	ventory /	Area	39	
Township		16N		Wat	terbod	y Grid #				
Range		19E		Grid	d Latitı	ıde				
Section		33		Grid	d Long	itude				
Basis for Consideration Listing	of	Johnson, 5/21/85.	et al. 1986.,	excur	sion bey	ond the cr	iterion of	edible	tissue in Sp	ring Chinook on
Remarks		based on This judg		the 8/ on the	/97 judg	ement of I	Bob Barwi	in and	Joe Joy (De	ne to be listed pt. of Ecology). in in the Yakima
Water Name	YAKI	MA RIV	ER							
Parameter	4,4'-D	DE							Mediu	Tissue
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMD	)L	
New Segment I	ID#	EB21AR		Old	Segm	ent ID#	WA-39	-1010		
Stream Route #	<b>#</b>		223.402	Wat	ter Res	ource In	ventory	Area	39	
Township		16N		Wat	terbod	y Grid #				
Range	[	19E			d Latitu					
Section	[	33			d Long					
Basis for Consideration Listing	of		et al. 1986. , h, Bridgelip su							
Remarks		based on This judg		the 8/ on the	/97 judg e fact th	ement of I at DDT me	Bob Barwi etabolites	in and	Joe Joy (De	te to be listed pt. of Ecology).

Water Name	YAKI	MA RIV	ER							
Parameter	Dieldı	rin							Mediu	Water
Place on 1998	List?	No	Listed in 19	996	Yes	Action N	Needed	None	1	
New Segment	ID#	EB21AF	}	OI	d Segm	ent ID#	WA-39	-1010		
Stream Route	#		229.127	W	ater Res	ource Inv	entory i	Area	39	
Township		16N		W	aterbod	y Grid #				
Range		19E		Gı	rid Latitu	ıde				
Section		20		Gı	rid Long	itude				
Basis for Consideration Listing	of		ion beyond Na 00 (at Utanum)			Rule (40 C	FR Part 1	131) cr	iterion at U	ISGS station
Remarks		A single listing.	excursion bey	ond 1	the criteri	on does no	t meet the	e Wate	r Quality P	rogram policy for
Water Name	YAKI	MA RIV	ER							
Parameter	Mercu	ıry							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	No	Action N	Needed	TMD	L	
New Segment	ID#	EB21AF	2	OI	d Segm	ent ID#	WA-39	-1010		
Stream Route	#		229.127	W	ater Res	ource Inv	entory i	Area	39	
Township		16N		W	aterbod	y Grid #				
Range		19E		Gı	rid Latitu	ıde				
Section		20		Gı	rid Long	itude				
Basis for Consideration Listing	of		et al. 1996., 3 1987 and 199		ples colle	ected at stat	ion 19 (U	mtanu	m) exceede	ed the criterion
Remarks		Rickert, (Johnsor	ata from the 1919. The res n, 1996; Johns andum from A	ults a on et	re incons al., 1986	istent with ). Verifica	Ecology tion samp	data co ling is	ollected on recommen	ded

Water Name	YAKI	MA RIV	ER						
Parameter	Silver			Mediu	Water				
Place on 1998	List?	Yes	Listed in 1996	6 No	Action N	leeded	TMD	L	
New Segment I	D#	EB21AR		Old Segm	ent ID#	WA-39	-1010		
Stream Route #	<b>‡</b>		229.127	Water Res	ource Inv	entory i	Area	39	
Township		16N		Waterbody					
Range		19E		Grid Latitu	ıde				
Section		20							
Basis for Consideration Listing	of		et al. 1996., 2 sa 1987 and 1990.	_	cted at stat	ion 19 (U	Jmtanu	m) exceede	d the criterion
Remarks		Rickert, (Johnson	ata from the 198' 1991).The result 1, 1996; Johnson andum from Art	s are incons et al., 1986	istent with  Output  Description	Ecology of tion samp	data co oling is	ollected on the recommend	hese streams ded
Water Name	YAKI	MA RIV	ER						
Parameter	Coppe	er						Mediu	Water
Place on 1998	List?	Yes	Listed in 1990	6 No	Action N	leeded	TMD	L	
New Segment I	D#	EB21AR	1	Old Segm	ent ID#	WA-39	-1030		
Stream Route #	ŧ		253.662	Water Res	ource Inv	entory i	Area	39	
Township		18N		Waterbody	/ Grid #				
Range		18E		Grid Latitu	ıde				
Section	ė	33		Grid Long	itude				
Basis for Consideration Listing	of		et al. 1996., 4 sa 1987 and 1990.	_	cted at stati	ion 6 (Cle	e Elum	) exceeded	the criterion
Remarks		Rickert, (Johnson	nta from the 198' 1991).The result 1, 1996; Johnson 1, Indum from Art I	s are incons et al., 1986	istent with  Output  Description  Description	Ecology of tion samp	data co oling is	ollected on t recommend	hese streams ded

Water Name	YAKI	MA RIV	ER								
Parameter	Cadm	ium							Mediu	Water	
Place on 1998	List?	Yes	Listed in 19	96	No	Action I	Needed	TMD	L		
New Segment	ID#	EB21AF	2	Old	d Segm	ent ID#	-1030				
Stream Route	#		287.35	Wa	iter Res	source In	Area	39			
Township		19N		Wa	iterbod	y Grid #					
Range		16E		Gri	id Latit	ude					
Section		04		Gri	id Long	itude					
Basis for Consideration Listing	of	Fuhrer, et al. 1996., 6 samples collected at station 6 (Cle Elum) exceeded the criterio between 1987 and 1990.;									
Remarks		USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991). The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).									
Water Name	YAKI	MA RIV	ER								
Parameter	Temp	erature							Mediu	Water	
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMD	L		
New Segment	ID#	EB21AF	2	Old	d Segm	ent ID#	WA-39	-1060			
Stream Route	#		310.319	Wa	iter Res	source In	ventory	Area	39		
Township		20N		Wa	iterbod	y Grid #					
Range		14E		Gri	id Latit	ude					
Section		36		Gri	id Long	itude					
Basis for Consideration Listing	of		ions beyond the 19A090 (RM 1					6) at Ec	cology amb	ient monitoring	
Remarks											

Water Name	YAKI	MA RIV	ER							
Parameter	Dissol	ved Oxy	gen				Mediu	Water		
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI	Ĺ	
New Segment	ID#	EB21AI	3	0	ld Segme	ent ID#	WA-39	-1060		
Stream Route	<b>#</b>		310.319	W	ater Res	ource Inv	entory A	Area	39	
Township		20N		W	aterbody	/ Grid #				
Range		14E		G	rid Latitu	ıde				
Section		36		G	rid Long	itude				
Basis for Consideration Listing	of		sions beyond the 39A090 (RM 1					at Ec	ology ambi	ent monitoring
Remarks										
Water Name	YAKI	MA RIV	'ER							
Parameter	Temp	erature							Mediu	Water
Place on 1998	List?	Yes	Listed in 19	996	Yes	Action N	leeded	TMDI	L	
New Segment	ID#	EB21AI	?	0	ld Segme	ent ID#	WA-39	-1070		
Stream Route	<b>#</b>		330.411	W	ater Res	ource Inv	entory A	Area	39	
Township		20N		W	aterbody	/ Grid #				
Range		13E		G	rid Latitu	ıde				
Section		10		G	rid Long	itude				
Basis for Consideration Listing	of		rsions beyond l Forest in 199							Wenatchee
Remarks										

Water Name	YAKI	MA RIV	ER									
Parameter	Coppe	er		Mediu	Water							
Place on 1998	List?	Yes	Listed in 1	996	No	Action N	leeded	TMD	)L			
New Segment	ID#	EB21AI	2	0	ld Segm	ent ID#	WA-39	-1010				
Stream Route	#		229.127	W	ater Res	ource Inv	entory	Area	39			
Township		16N			aterbod							
Range		19E		G	rid Latitu	ude						
Section		20	0 Grid Longitude									
Basis for Consideration Listing	of		et al. 1996. , 1987 and 199		ples colle	ected at stat	ion 19 (U	Jmtanu	m) exceede	d the criterion		
Remarks		USGS data from the 1987-1990 period are subject to contamination (Windom et al., 1991; Rickert, 1991). The results are inconsistent with Ecology data collected on these streams (Johnson, 1996; Johnson et al., 1986). Verification sampling is recommended (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).										
Water Name	YAKI	MA RIV	'ER									
Parameter	Cadm	ium							Mediu	Water		
Place on 1998	List?	Yes	Listed in 1	996	No	Action N	leeded	TMD	)L			
New Segment	ID#	EB21AI	₹	0	ld Segm	ent ID#	WA-39	-1010				
Stream Route	#		229.127	W	ater Res	ource Inv	entory	Area	39			
Township		16N		w	aterbod	v Grid #						
Range		19E				•						
Section		19E Grid Latitude 20 Grid Longitude										
Basis for Consideration Listing	of		et al. 1996. , 1987 and 199		ples colle	ected at stat	ion 19 (U	Jmtanu	m) exceede	ed the criterion		
Remarks		Rickert, (Johnson	ata from the 1 1991).The res n, 1996; Johns andum from A	sults a son et	are incons al., 1986	istent with ). Verificat	Ecology tion samp	data co oling is	ollected on recommen	ded		

Water Name	YAKI	MA RIV	ER								
Parameter	DDT			Mediu	Tissue						
Place on 1998	List?	Yes	Listed in 19	96	Yes	Action I	Needed	TMD	L		
New Segment I	ID#	EB21AR		9-1010							
Stream Route #	<b>#</b>		223.402	W	ater Res	source In	Area	39			
Township		16N		W	aterbod	y Grid #					
Range		19E		Gr	id Latit	ude					
Section		33		Gr	id Long	jitude					
Basis for Consideration Listing	of		et al. 1986. , h, Bridgelip su								
Remarks		These old data likely represent current conditions and the segment continue to be listed based on these data per the 8/97 judgement of Bob Barwin and Joe Joy (Dept. of Ecology). This judgment is based on the fact that DDT metabolites continue to be found throughout the basin in the Yakima TMDL study (unpublished).									
Water Name	YAKI	MA RIV	ER								
Parameter	Ammo	onia-N							Mediu	Water	
Place on 1998	List?	No	Listed in 19	96	No	Action I	Needed	None			
New Segment I	ID#	EB21AR		OI	d Segm	ent ID#	WA-39	0-1030			
Stream Route #	<b>#</b>		240.748	W	ater Res	source In	ventory	Area	39		
Township		17N		W	aterbod	y Grid #					
Range		18E		Gr	id Latit	ude					
Section		14		Gr	id Long	jitude					
Basis for Consideration Listing	of		993. , potentia e (Yakima RM			a toxicity i	n the rece	eiving w	vater from the	he Ellensburg	
Remarks			DES permit WA		24341 for	the Ellens	burg STP	issued	on June 1,	1996 has effluent	